

## APPENDIX D

Hazard Tree Assessment Tatum Guidelines – for illustration purposes only

### HAZARD POTENTIAL

Defect	o Moderate	• High
Crack	<ul style="list-style-type: none"> <li>o Stem has single crack with cavity or decay</li> <li>o Stem has single crack &gt;5 ft or spiral crack &gt;3 ft</li> </ul>	<ul style="list-style-type: none"> <li>• Crack goes completely through stem</li> <li>• Stem has 2 cracks on the same segment with cavity or decay</li> <li>• Stem has crack in contact with another defect or at base of leaning tree</li> <li>• Any branch with a crack</li> </ul>
Weak Unions	<ul style="list-style-type: none"> <li>o A weak union with inrolled bark</li> </ul>	<ul style="list-style-type: none"> <li>• A weak union that is also cracked, cankered, or decayed</li> </ul>
Decay	<ul style="list-style-type: none"> <li>o Canker-rot infection</li> </ul>	<ul style="list-style-type: none"> <li>• Internal decay &gt;2/3 of stem radius or root collar *</li> <li>• Canker-rot infection in the hot spot®</li> <li>• Cavity or decay in contact with a crack</li> <li>• Any branch with decay</li> </ul>
Canker	<ul style="list-style-type: none"> <li>o Canker affects &gt;1/2 of tree's circumference</li> <li>o Canker at base of leaning tree</li> </ul>	<ul style="list-style-type: none"> <li>• Canker in tree's hot spot and affects &gt;1/2 of tree's circumference</li> <li>• Canker in contact with a crack or decay</li> <li>• Canker and decay in the hot spot</li> </ul>
Dead		<ul style="list-style-type: none"> <li>• Any lodged branch</li> <li>• Any dead tree, top or branch</li> </ul>
Poor Tree Architecture	<ul style="list-style-type: none"> <li>o Branch unbalanced with respect to rest of crown mass</li> <li>o Branch with sharp bend or twist</li> </ul>	<ul style="list-style-type: none"> <li>• Tree leaning over target at &gt;45 degrees</li> <li>• Tree leaning over target with a defect in the hot spot</li> </ul>
Root Problems	<ul style="list-style-type: none"> <li>o Root problems associated with stem decay, crack, or canker</li> </ul>	<ul style="list-style-type: none"> <li>• Freshly leaning tree with recent rootlifting, soil movement, or mounding</li> <li>• Inadequate root support;&gt;1/2 of roots severed</li> </ul>